Windows 2000 Software Installation Instructions
GCC Elite XL 20 Series Printers

This document is intended to provide instructions for downloading and installing the Windows 2000 driver software for GCC's Elite XL 20 Series of laser printers. Please follow all instructions in this document in order to assure that the software is properly installed and configured onto your Windows 2000 PC. Please contact GCC Technical Support directly at (781)276-8620 or on-line at www.gcctech.com for assistance with this installation.

Software Download

Start by downloading the Elite XL 20 Series Windows 2000 software from GCC's web site at the following address:

ftp://ftp.gcctech.com/pub/postscript-pcl/elite-xl/windows/Elite20Win2K.exe

This will give you a file called "Elite20Win2K.exe". This file is a self-extracting archive. Double-click the file's icon in Windows to extract the software. When prompted for a location to extract the files to, type in:

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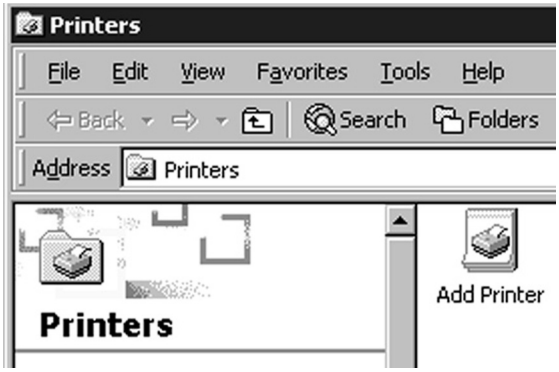
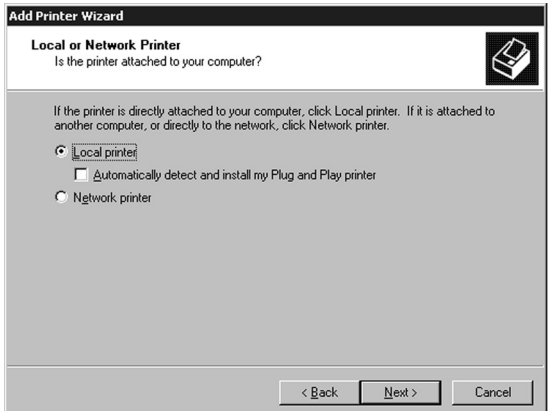
C:\GCC
```

This will place the driver files in a folder on your hard drive called "GCC". Once this is done, proceed to the software installation instructions starting on the next page.

Windows 2000 Software Installation



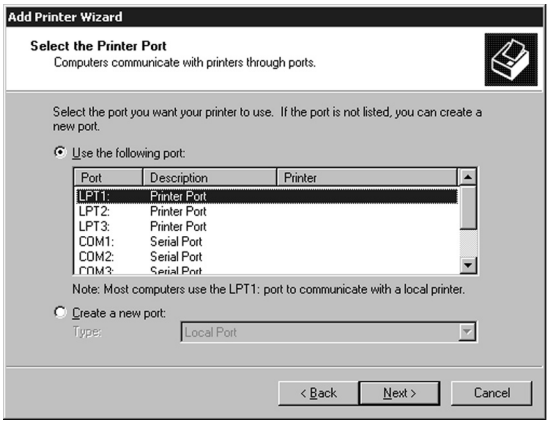
1. Go to the Start menu of Windows 2000, then up to Settings and select Printers. In the Printers window, double-click the Add Printer icon to start the Add Printer Wizard. Click “Next” at the Add Printer Wizard welcome screen.


Add Printer Wizard
Local or Network Printer
Is the printer attached to your computer?
If the printer is directly attached to your computer, click Local printer. If it is attached to another computer, or directly to the network, click Network printer.
Local printer
Automatically detect and install my Plug and Play printer
Network printer
< Back
Next >
Cancel

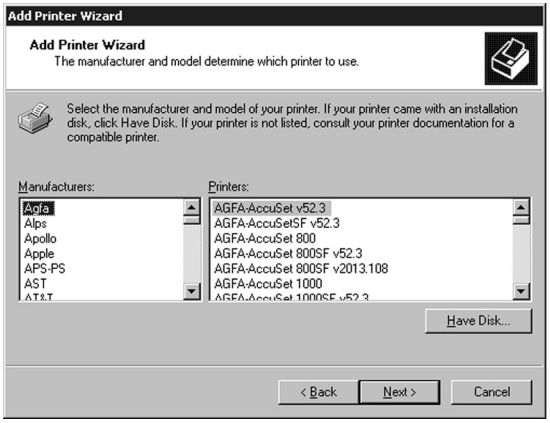
2. The next window of the Add Printer Wizard will ask if the printer is connected to the local computer or to a Network Printer Server. De-select the box next to “Automatically detect and install my Plug and Play Printer,” as this feature is not supported with the Elite XL 20 series.

   Select “Local Printer” unless the printer that you are selecting is attached to another PC or accessed via an NT or 2000 server. Click Next.

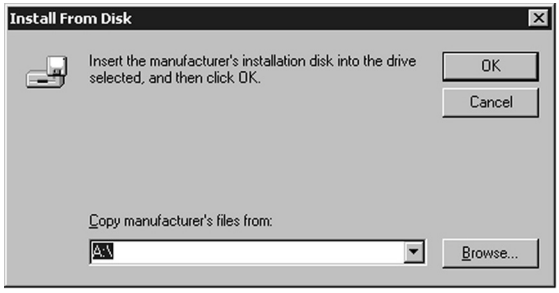
   Note: If setting up the printer as a stand-alone ethernet network device, select “Local Printer” at this point and install the driver as if the printer were connected to the parallel (LPT1:) port of the PC. After the installation, refer to the Windows 2000 Networking section of this document, starting on page 7.


Add Printer Wizard
Select the Printer Port
Computers communicate with printers through ports.
Select the port you want your printer to use. If the port is not listed, you can create a new port.
Use the following port:
Port
Description
Printer
LPT1: Printer Port
LPT2: Printer Port
LPT3: Printer Port
COM1: Serial Port
COM2: Serial Port
Note: Most computers use the LPT1: port to communicate with a local printer.
Create a new port:
Type:
Local Port
< Back
Next >
Cancel

3. A list of ports will appear. Select the appropriate local parallel or serial port for the printer and click Next.



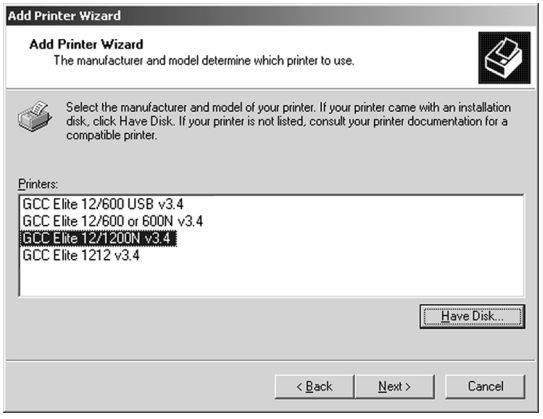
4. A list of manufacturers and printer models will appear. Click Have Disk.



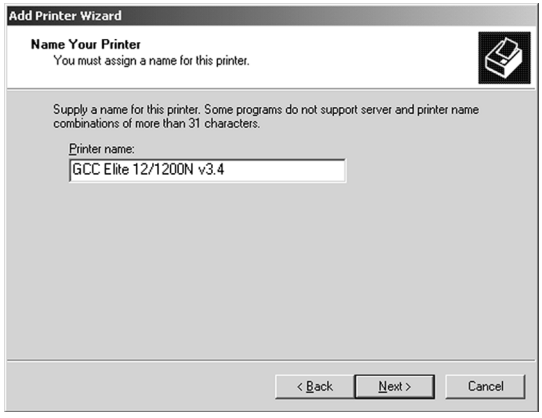
5. This will bring up the “Install From Disk” window. Use the Browse button to select the “GCC” folder on your “C:” drive and click Open. Select the GCCE20.INF file within this folder and click on Open. Click on OK.

   If you prefer, you can also type the directory path into the “copy files from” field at the bottom of the window. To do this, type:

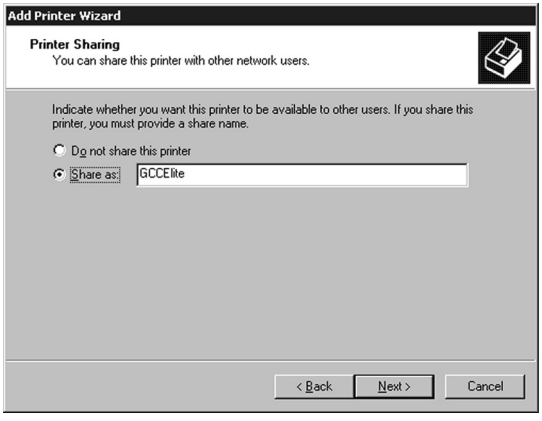
   `C:\GCC`


Add Printer Wizard
Add Printer Wizard
The manufacturer and model determine which printer to use.
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.
Printers:
GCC Elite 12/600 USB v3.4
GCC Elite 12/600 or 600N v3.4
GCC Elite 12/1200N v3.4
GCC Elite 1212 v3.4
Have Disk...
< Back
Next >
Cancel

6. A list of GCC Elite XL 20 printer models will appear. Select your printer model from the list and click Next.

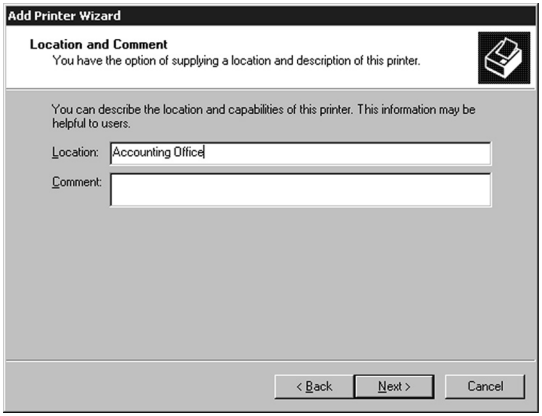

Add Printer Wizard
Name Your Printer
You must assign a name for this printer.
Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters.
Printer name:
GCC Elite 12/1200N v3.4
< Back
Next >
Cancel

7. The next window will ask for a printer name. You can type in a new name, or keep the default name. Click Next.


Add Printer Wizard
Printer Sharing
You can share this printer with other network users.
Indicate whether you want this printer to be available to other users. If you share this printer, you must provide a share name.
Do not share this printer
Share as:
GCCElite
< Back
Next >
Cancel

8. The printer sharing window will appear. Select if the printer is to be shared (other PCs will access it via this workstation or server) or Not Shared. If selecting “Do not share this printer,” click Next and skip to Step 10.

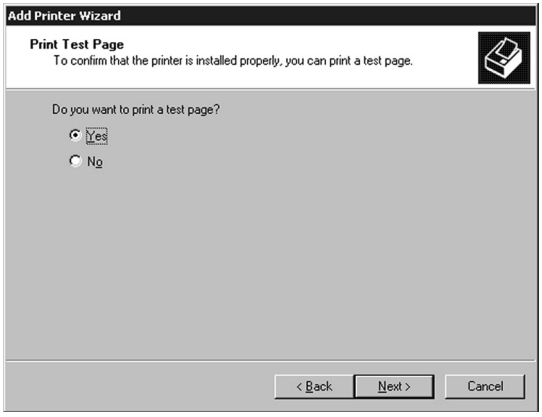
   If selecting Shared, type in a Share Name for the printer. This will allow users to identify the printer over the Windows network. Click Next.


Add Printer Wizard
Location and Comment
You have the option of supplying a location and description of this printer.
You can describe the location and capabilities of this printer. This information may be helpful to users.
Location:
Accounting Office
Comment:
< Back
Next >
Cancel

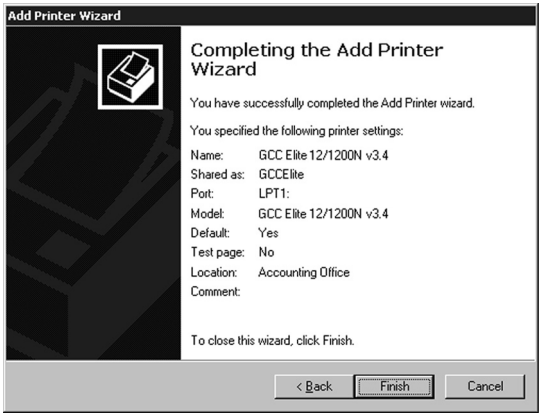
9. The next window allows you to specify the location of the printer. This will allow users to more easily identify the printer on a large network. You can also enter comments to specify the printer's capabilities, etc. to users

.

Enter information into these fields if desired, then click Next.


Add Printer Wizard
Print Test Page
To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page?
Yes
No
< Back
Next >
Cancel

10. A window will appear asking if you wish to print a test page. Click Yes if you are installing a local printer. Click No if you are installing the driver and will be setting up the printer as a network device later. Click Next.



11. A final window will appear showing a summary of the installation. Check over all the information listed. If anything is incorrect, click Back to go back and change it. Otherwise, click Finish.

    A window may appear informing you that a Digital Signature cannot be found for the printer and asking if you wish to continue. Click Yes to continue and complete the installation.

12. When the installation is complete, you will be returned to the Printers window and a new icon for the printer will appear.

    If installing a local printer, you are now ready to print to the Elite XL 20 printer. If installing as a stand-alone ethernet network device, proceed to the next section of this document, “Windows 2000 Network Configuration.”

Windows 2000 Network Configuration

Setting Up LPR Printing

If the printer driver has not already been installed, please install it before continuing. Instructions for installing the printer are found on pages 1-6 of this document. Install the printer as if it were a local printer connected to the parallel (LPT1) port. The following instructions will cover setting up the Windows 2000 server to direct output to the printer as an LPR device.
Please note: In the following instructions, some field or dialog names may vary depending on the Win2000 release pack in use.

- Click on the Start Button. Select Settings and then Printers.
- Locate the icon for the Elite XL 20 printer that you have installed. Right-click on the printer icon and select Properties.
- Click on the Ports tab and click on Add Port.
- Select “Standard TCP/IP Port” from the list of options, then click “New Port.”
- This will open the Add TCP/IP Port Wizard. Click Next at the introduction page of the Wizard.
- The next window asks for a Printer Name/IP Address and Port Name. Type in the IP Address that you entered into the printer. If the printer does not have an IP address, please follow the instructions in the Elite 12ppm User’s Manual to assign one. The Port Name will be filled in automatically, but can be changed if desired. Click Next.
- The next dialog window will ask for a Device Type. Click on the Standard radio button and select “Generic Network Card” from the list. Click Next.
- A summary page will appear showing all the settings that were made within the Add TCP/IP Port Wizard. Double-check these settings and click Finish.
- The Printer Ports window will re-appear, click Close. Under the Ports tab, the newly created TCP/IP port will be displayed and selected (listed by its Port Name as entered in the TCP/IP Port Wizard).
- Make sure the new port is highlighted, then click on “Configure Port.”
- Under “Protocol,” click on the “RAW” radio button and set port to 3300.
- Under “Queue Name,” fill in a name for the print queue.
- Click OK and Apply to accept the changes to the port.

This will allow the Windows 2000 server to print to the Elite XL 20 using LPR.

Selecting a Shared Printer

This section briefly describes the steps for setting up client access to a shared printer. This will allow other PCs on the network to print to the printer over the Windows 2000 server.

Windows 95/98:
In the Printer Properties on the Details tab. Click the Add Port button and browse the network for the shared printer. Look for the Share Name that was selected when setting up the printer on the Win2000 server.

Windows 2000/NT 4.0:
Add a new printer (with Add Printer), select “Network Printer Server” rather than My Computer and choose the shared printer from the shared printers list. Look for the Share Name that was selected when setting up the printer on the Win2000 server.